

## Message Text

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ACTION OES-07

INFO OCT-01 EA-12 ISO-00 ACDA-12 CIAE-00 INR-10 IO-14  
L-03 NSAE-00 NSC-05 EB-08 NRC-07 SOE-02 DODE-00  
SS-15 SP-02 CEQ-01 COME-00 /099 W  
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R 010324Z JUN 78  
FM AMEMBASSY TOKYO  
TO DOE GERMANTOWN MD  
DOE WASHDC  
FFTF PROJECT OFFICE DOE RICHLAND WASHINGTON  
INFO SECSTATE WASHDC 8369

UNCLAS SECTION 01 OF 04 TOKYO 09811

E.O. 11652: N/A  
TAGS: TECH, JA  
SUBJECT: RECORD DISCUSSION SECOND MTG. PEWG

DOE FOR STAKER, YEVICK

RICHLAND FOR FERGUSON, CROUTER

REF: JUNE 1 TELECON CROUTER-HENOCH

FOLLOWING, IN RESPONSE TO REFTEL IS SUBJECT RECORD OF  
DISCUSSION PLUS APPENDICES III AND IV, STATUS OF ACTION  
ITEMS FROM NOVEMBER 19, 1976 MEETING AND NEW ACTION ITEMS  
RESPECTIVELY. APPENDICES II AND III ARE LIST OF DELEGA-  
TIONS AND AGENDA RESPECTIVELY. ENTIRE PACKAGE IN MAIL TO  
FERGUSON TODAY.

RECORD OF DISCUSSION OF THE SECOND MEETING DOE/PNC WORKING  
GROUP ON PLANT EXPERIENCE, MARCH 29 THROUGH MARCH 31, 1978:

THE SECOND MEETING OF THE DOE/PNC WORKING GROUP ON PLANT  
EXPERIENCE WAS HELD AT PNC'S HEADQUARTERS IN TOKYO AND IN  
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PNC'S O-ARAI ENGINEERING CENTER FROM MARCH 29 THROUGH  
MARCH 31, 1978.

THE MEETING WAS HELD IN ACCORDANCE WITH THE JULY 2, 1976,  
ERDA/PNC AGREEMENT REACHED BY THE JOINT FAST BREEDER  
REACTOR COORDINATING COMMITTEE MEETING AT TOKYO, JAPAN,  
SUPPLEMENTED BY THE CHARTER AGREED UPON AT THE JCC MEETING

ON DECEMBER 7, 1977.

A LIST OF THE DELEGATIONS IS PRESENTED IN APPENDIX I. THE AGENDA FOR THE MEETING IS IN APPENDIX II. A REVIEW OF THE STATUS OF PRIOR ACTION ITEMS IS PRESENTED IN APPENDIX III. NEW ACTION ITEMS ARE LISTED IN APPENDIX IV.

THE OBJECTIVE OF THE MEETING WAS TO CONTINUE TO CARRY OUT EXCHANGES OF INFORMATION AND PERSONNEL IN AREAS OF THE LMFBR EXCHANGE AGREEMENT WHICH FALL WITHIN THE SCOPE OF THE WORKING GROUP ON PLANT EXPERIENCE.

SEVERAL PENDING ACTION ITEMS HAVE BEEN RESOLVED BY GENERAL-IZING THEM INTO RECOMMENDATIONS TO THE JOINT COORDINATING COMMITTEE:

1. PREVIOUSLY, LISTS OF DOCUMENTS ON THE CONSTRUCTION SEQUENCE OF CRBRP AND MONJU WERE TO BE DEVELOPED AND EXCHANGED ON A NEGOTIATED BASIS. IN VIEW, HOWEVER, OF THE FACT THAT THE STATUS OF THE CRBRP IS UNCERTAIN AND IN VIEW OF THE TIME DELAY IMPLICIT IN SUBMITTING AND REVIEWING LISTS AND IN NEGOTIATING DETAILED EXCHANGES, IT IS RECOMMENDED INSTEAD THAT DOCUMENTATION AS DESIRED BY EACH SIDE WILL BE REQUESTED BY THE WORKING GROUP CHAIRMAN AND FURNISHED ON AN AD HOC BASIS.

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2. REPORTS ON JOYO TO BE TRANSLATED INTO ENGLISH PRESENT A PROBLEM BECAUSE OF THEIR NUMBER AND THE TIME AND COST OF TRANSLATION. IT WAS NOT ANTICIPATED AT THE TIME OF THE 1969 AGREEMENT THAT SUCH A LARGE NUMBER OF REPORTS WOULD BE AVAILABLE FOR EXCHANGING NOR WERE THE TIME AND COST FACTORS OF TRANSLATING SO MANY REPORTS CONSIDERED. PNC PLANS TO TRANSLATE INTO ENGLISH THOSE REPORTS IT CONSIDERS OF IMPORTANCE, BOTH FOR THE BENEFIT OF THE EXCHANGE AGREEMENT AND SO THAT ITS SCIENTISTS CAN ACHIEVE WIDER RECOGNITION. ADDITIONALLY, AT THE NOVEMBER 1976 PLANT EXPERIENCE WORKING GROUP MEETING THE MINUTES REFLECT THAT, "PNC AGREED TO PROVIDE ABSTRACTS IN ENGLISH SUFFICIENT TO UNDERSTAND THE CONTENTS OF THE DOCUMENTS WHICH WILL BE PROVIDED IN ACCORDANCE WITH THIS AGREEMENT." IN ADDITION, HOWEVER, IN ORDER TO ENSURE THAT REPORTS OF CONSEQUENCE ARE MADE AVAILABLE UNDER THE AGREEMENT IN ENGLISH, IT IS RECOMMENDED THAT MR. MCDONALD AND MR. HURD AT O-ARAI, CAN PERFORM A SCREENING WHICH WILL RESULT IN AN IDENTIFICATION OF THE MOST IMPORTANT REPORTS WHICH HAVE NOT BEEN TRANSLATED. THESE REPORTS CAN THEN BE TRANSLATED--IN WHOLE OR IN PART, DEPENDING UPON THE RECOMMENDATIONS OF THE DOE REPRESENTATIVES--BY AN ARRANGEMENT MUTUALLY AGREEABLE

TO DOE AND PNC.

FOR THE UNITED STATES DEPARTMENT OF ENERGY

ROBERT L. FERGUSON  
DIRECTOR FAST FLUX TEST FACILITY PROJECT OFFICE

FOR THE POWER REACTOR AND NUCLEAR FUEL DEVELOPMENT CORP.

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FFTF PROJECT OFFICE DOE RICHLAND WASHINGTON  
INFO SECSTATE WASHDC 8370

UNCLAS SECTION 02 OF 04 TOKYO 09811

DOE FOR STAKER, YEVICK

RICHLAND FOR FERGUSON, CROUTER

SHIGEO OKANO, DIRECTOR OF PNC IN CHARGE OF REACTOR  
CONSTRUCTION

DATE: MARCH 31, 1978

APPENDIX III

THE SECOND MEETING OF DOE/PNC JOINT WORKING GROUP ON THE  
PLANT EXPERIENCE MARCH 29 THROUGH MARCH 31, 1978

STATUS OF ACTION ITEMS FROM NOVEMBER 19, 1976 WORKING  
GROUP ON PLANT EXPERIENCE

| ITEM | DESCRIPTION | CURRENT STATUS |
|------|-------------|----------------|
|------|-------------|----------------|

1. DOE QUESTIONS TO PNC SIMILAR TO ITEM NOT IN PEWG

- APP. IV, SUBJECT MATTER IN CHARTER
- APP. V

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2. PNC RESPONSE TO ITEM 1 ITEM NOT IN PEWG

- CHARTER

3. DOE RESPONSE TO PNC QUESTIONS ACTION COMPLETED

- APP. IV

4. PNC QUESTIONS TO ADDITION TO ACTION COMPLETED

- APP. IV

5. DOE RESPONSE TO ITEM 4 ACTION COMPLETED

6. APP. III.B.4. LIST OF PROBLEMS ACTION COMPLETED

- AND SCHEDULE FOR EXCHANGE

7. EXCHANGE CONSTRUCTION PROGRESS SEE RECOMMENDATION 2 TO

- STATUS REPORTS AT SIX-MONTH TO JCC ON PAGE 2
- INTERVALS FFTF AND JOYO (III.B.2)

8. DOE COMMENT ON PNC SEMINAR ACTION COMPLETED

- AGENDA (III.B.7)

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9. CONSTRUCTION SEQUENCE SCHEDULES ACTION COMPLETED

- FOR FFTF AND JOYO (III.B.2)

10. CONSTRUCTION SEQUENCE FOR CRBRP DELETE

- AND MONJU

11. LIST DOCUMENT EXCHANGES WITH SEE RECOMMENDATION 1

- DATES (III.A.1,2, AND 3) TO JCC ON PG. 1

12. SPECIFIC DESIGN EXCHANGE ACTION COMPLETED

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- (III.B.2)

13. QA EXCHANGE - FFTF AND JOYO ACTION COMPLETED

- (III.B.2)

14. HEDL MEETING AGENDA FINALIZED ACTION COMPLETED

- (III.B.6)

15. SEMINAR TITLES, ABSTRACTS, AND SEE ITEM 2 APPENDIX

- AUTHORS (III.B.7) IV

16. SEMINAR ON LMFBR DESIGN, CON- SEE ITEM 2 APPENDIX

- STRUCTION AND OPERATION IN JAPAN IV

17. SPECIAL AREAS OF INTEREST SEE RECOMMENDATION

- (III.A.4). COULD RELATE TO ITEMS 1 TO JCC ON PG. 1

- 1,6 AND 11

18. FFTF ASSIGNMENT AT JOYO--EXPECTED CONTRACT COMPLETED;

- TO BE MARCH 1977 (III.B.5) MR. E.HURD ON WAY

- TO JAPAN

19. JOYO ASSIGNMENT AT FFTF DURING ACTION COMPLETED;

- CONSTRUCTION (III.B.5) MR. R.MUKAIBO NOW

- AT HEDL

20. JOYO-FFTF PERSONNEL EXCHANGE ON MR. W.HENoch WILL

- SYSTEMS ENGINEERING OR OPERA- PREPARE AGREEMENT

- TIONAL PHYSICS (III.B.5) FOR ASSIGNMENT OF MR.

- TANIYAMA TO HEDL

21. JOYO-EBR-II PERSONNEL EXCHANGE NO CURRENT ACTION

- ON O&M (III.B.5) PLANNED

22. EBR-II OPERATOR TRAINING PROPOSAL PRESENTED.

- PROPOSAL SEE ITEM 4 APPENDIX

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DOE FOR STAKER, YEVICK

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- IV  
23. NEXT PEWG MEETING IN JAPAN MEETING HELD  
- TWO DAYS AFTER THE SEMINAR ON P.E.

24. CRBR-MONJU EXCHANGE OF CONSTRUC- DELETE  
- TION STATUS REPORTS (III.B.2).  
- FOLLOW-ON TO ITEM 7

25. FFTF PLAN FOR INITIAL TEST AND ACTION COMPLETED  
- STARTUP (III.B.3)

26. REPORTS ON ITEM 25 ACTIVITIES THIS IS AN ON-GOING  
- (III.B.3) ACTIVITY. AS FFTF  
- DEVELOPS REPORTS THEY  
- WILL BE TRANSMITTED  
- TO PNC. IF AREAS OF  
- TEST AND STARTUP  
- REPORTING ARE NOT

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- NEEDED BY PNC THEY  
- WILL INFORM HEDL

27. EBR-II MAINTENANCE EXPERIENCE ACTION COMPLETED  
- ON VIDEO TAPE (III.B.3)

28. JOYO REPORTS COMPARABLE TO ITEM SEE RECOMMENDATION  
- 26 (III.B.3) 2 TO JCC; PAGE 2

29. SPECIALISTS MEETING ON DESIGN ACTION COMPLETED  
- (ETC.) (III.B.6)

APPENDIX IV

THE SECOND MEETING OF DOE/PNC JOINT WORKING GROUP ON PLANT  
EXPERIENCE MARCH 29 THROUGH 31, 1978

NEW ACTION ITEMS

1. IT WAS AGREED THAT A SEMINAR WOULD BE HELD AT O-ARAI IN SEPTEMBER, 1978 COVERING THE ITEMS PRESENTED IN MR. FERGUSON'S LETTER TO MR. OKANO OF MARCH 23, 1978. IT IS ANTICIPATED THAT EACH SIDE WILL PRESENT APPROXIMATELY FIVE PAPERS IN A TWO-DAY PERIOD TO BE FOLLOWED BY ONE DAY FOR A TOUR. PNC AGREED TO PRESENT AN OVERVIEW OF JAPAN'S FAST BREEDER PROGRAM FOR THE BENEFIT OF THE FIRST-TIME VISITORS TO JAPAN. ABSTRACTS WILL BE EXCHANGED BY THE END OF JULY, 1978 AND THE FULL PAPERS WILL BE COMPLETED NO LATER THAN ONE MONTH PRIOR TO THE MEETING.

2. THE FOLLOWING TOPICS FOR THE EARLY 1980 SEMINAR WERE SUGGESTED:

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- A. FFTF CONSTRUCTION EXPERIENCE
- B. FFTF, EBR-II AND JOYO TEST AND OPERATIONAL EXPERIENCE
- C. TECHNIQUES FOR CONTROLLING SCHEDULES AND COSTS--PROJECT CONTROL/PROJECT MANAGEMENT

3. THE SECOND SPECIALISTS MEETING IS SCHEDULED FOR APRIL, 1979. THIS MEETING WILL BE CONCERNED WITH CONSTRUCTION ASPECTS OF PIPING SUPPORT SYSTEMS TO DEAL WITH THERMAL AND SEISMIC PROBLEMS. DOE SUBMITTED DURING THE MEETING A GENERAL NARRATIVE OUTLINE OF THE SUBJECT MATTER TO PNC. PNC WILL PROVIDE COMMENTS BY THE END OF MAY AND DOE WILL PREPARE AN AGENDA BY THE END OF JULY, 1978.

IT WAS NOTED THAT, WHILE THIS PARTICULAR SUBJECT IS OF PRIMARY INTEREST TO DOE, THE RESPECTIVE CHAIRMEN MAY SUGGEST OTHER TOPICS FOR SPECIALISTS MEETINGS FROM TIME TO TIME.

4. A PROPOSAL WAS MADE FOR THE TRAINING OF PNC REACTOR OPERATIONS AND MAINTENANCE PERSONNEL IN EBR-II. THIS WAS TRANSMITTED BY A LETTER OF MARCH 23, 1978 FROM MR. FERGUSON TO MR. OKANO. MR. SMITH AGREED TO PROVIDE TO PNC A SCHEDULE OF EBR-II OPERATIONS BY MAY 1, 1978. AS A PART OF THE TRAINING PROGRAM, DOE AGREED TO ARRANGE FOR THE TRAINEES TO SPEND TWO OR THREE DAYS AT HEDL FOR ORIENTATION AT THE FFTF INCLUDING THE SIMULATOR. PNC WILL ADVISE DOE ONE MONTH AFTER RECEIPT OF THE EBR-II SCHEDULE AS TO THE NUMBER OF TRAINEES THEY WISH TO SEND.

DOE WILL PROVIDE A PROPOSED CONTRACT FOR THE TRAINING PROGRAM BY JULY 1, 1978.

5. PNC EXTENDED A WELCOME TO PERSONNEL OF EBR-II TO BE

ASSIGNED TO JOYO IN CASE DOE WISHES TO DO SO IN THE  
FUTURE.

6. DOE AGREED TO PROVIDE PNC WITH PROCEDURES FOR UNUSUAL  
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OCCURRENCES REPORTING (UOR) SYSTEMS BY JULY 1, 1978.

7. DOE PROVIDED PNC AT THE MEETING WITH THE CURRENT (FEB-  
RUARY 18, 1978) FFTF CONSTRUCTION SCHEDULE.

8. PNC AGREED TO PROVIDE INFORMATION ON THE SEALING OF HEAT-  
ING AND VENTILATING DUCTS, CONDUIT DUCTS AND THE LIKE.  
DOE IS PARTICULARLY INTERESTED IN MATERIALS AND PROCEDURE  
FOR APPLICATION, BUT IF TESTING METHODS ARE READILY  
AVAILABLE, THIS INFORMATION WOULD ALSO BE USEFUL. THE  
INFORMATION WAS PROVIDED LATER IN THE COURSE OF THE  
MEETING. MANSFIELD



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## Message Attributes

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**TAGS:** TECH, JA, US  
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